MATTHEW HARVEY BRANDENBURGH

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ABOUT ME

I am a creative and focused team player with past years of experience in the filmmaking world and new to computer programming. I also bring a strong mathematical and computational background through my education and 15+ years of experience as a math and physics tutor.

TECH STACK

Javascript, React, HTML, CSS, Tailwinds, Express.js, Node, SQL, MySQL2, Sequelize, Mongo, Mongoose, Mongo Compass, GraphQL, Adobe Premiere (video editing)

DEVELOPMENT PROJECTS

Rhythm Room
- A full MERN-stack website where users can create their own playlists, like and comment on others' playlists, and connect their account to spotify to listen to the music.

Auction Plaza
- An auction website that lets users create an account, list items for sale, and bid on posted items.
- Used node.js, express.js, and SQL, and CSS Tailwinds for design

Workplace Dynamic Scheduler
- A vanilla JavaScript application that accepts user inputs and generates a calendar display of possible employee schedules, using local storage

WORK EXPERIENCE

Tutor, self-employed, September 2005-present
- Aided students from middle school through graduate school primarily in math and physics
- Maintained a 4.9-star rating out of 5 on listing website WyzAnt.com

Director/Editor, "Steve Forbes on Achievement" video series, June 2017-August 2020
- Helped coordinate and shoot a video series about entrepreneurs featuring Steve Forbes, then edited into a finished product incorporating archival footage and photos
- Additional duties included extensive archival research

Freelance Director/Director of Photography/Editor, September 2016-December 2020
- Producing videos for hire under the auspices of my production company, Brandenburgh Media, LLC
- Projects included a music video, numerous commercials and corporate videos for Spectrum Cable in New York

EDUCATION

Bachelor of Science, Physics and Mathematics, University of Georgia, May 2009

Full Stack Flex Coding Bootcamp, Georgia Tech, March 2023